Yongping Gong

List of Publications by Year
in descending order

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25 papers	75 citations	1937685 4 h-index	1588992 8 g-index
25 all docs	25 docs citations	25 times ranked	82 citing authors

#	Article	IF	Citations
1	Magnetic enhancement and nitriding process of Fe atomic layers on Si 111-7ÂÃ—Â7-CH3OH surface. Materials Letters, 2022, 306, 130902.	2.6	0
2	MEMS Dynamic Characteristics Analysis of Electrostatic Microbeams for Building Structure Monitoring. Advances in Civil Engineering, 2022, 2022, 1-8.	0.7	1
3	Gradient Printing Alginate Herero Gel Microspheres for Three-Dimensional Cell Culture. Materials, 2022, 15, 2305.	2.9	2
4	Personalized Artificial Tibia Bone Structure Design and Processing Based on Laser Powder Bed Fusion. Machines, 2022, 10, 205.	2.2	1
5	Electroelastic Coupled-Wave Scattering and Dynamic Stress Concentration of Triangular Defect Piezoceramics. Actuators, 2022, 11, 106.	2.3	1
6	Angular Displacement Control for Timoshenko Beam by Optimized Traveling Wave Method. Aerospace, 2022, 9, 259.	2.2	1
7	Study on Underwater Target Tracking Technology Based on an LSTMâ€“Kalman Filtering Method. Applied Sciences (Switzerland), 2022, 12, 5233.	2.5	3
8	Stress Intensity Factor and Shape Coefficient Correction of Non-Penetrating Three-Dimensional Crack for Brittle Ampoule Bottle with V-Shaped Notch. Applied Sciences (Switzerland), 2022, 12, 5246.	2.5	0
9	Magnetoacoustic Wave Scattering and Dynamic Stress Concentration around the Elliptical Opening in Exponential-Gradient Piezomagnetic Materials. Materials, 2022, 15, 4564.	2.9	0
10	Magnesium-Containing Silicate Bioceramic Degradable Intramedullary Nail for Bone Fractures. Crystals, 2022, 12, 974.	2.2	1
11	Studying endothelial cell shedding and orientation using adaptive perfusionâ€culture in a microfluidic vascular chip. Biotechnology and Bioengineering, 2021, 118, 963-978.	3.3	4
12	Metal Deposition Induced by the Step Region of Si (111)-(7 Ã— 7) Surface. Coatings, 2021, 11, 281.	2.6	2
13	Prediction Method of Underwater Acoustic Transmission Loss Based on Deep Belief Net Neural Network. Applied Sciences (Switzerland), 2021, 11, 4896.	2.5	3
14	Exploring the Dual Characteristics of CH3OH Adsorption to Metal Atomic Structures on Si (111)-7 Ã— 7 Surface. Molecules, 2021, 26, 5824.	3.8	1
15	Design and 3D Printing of Interbody Fusion Cage Based on TPMS Porous Structure. Applied Sciences (Switzerland), 2021, 11, 11149.	2.5	4
16	Scattering of Magnetoacoustic Waves and Dynamic Stress Concentration around Double Openings in Piezomagnetic Composites. Materials, 2021, 14, 6878.	2.9	2
17	Study on linear bio-structure print process based on alginate bio-ink in 3D bio-fabrication. Bio-Design and Manufacturing, 2020, 3, 109-121.	7.7	8
18	Experimental Investigation and Optimal 3D Bioprinting Parameters of SA-Gel Porous Cartilage Scaffold. Applied Sciences (Switzerland), 2020, 10, 768.	2.5	13

#	Article	IF	Citations
19	In Situ Controlled Surface Microstructure of 3D Printed Ti Alloy to Promote Its Osteointegration. Materials, 2019, 12, 815.	2.9	14
20	Multidisciplinary design optimization for vehicle handling stability of steering-by-wire system. Journal of Supercomputing, 2019, 75, 2964-2985.	3.6	7
21	The predictive compensation path research of the micro tube fabrication process. Microsystem Technologies, 2016, 22, 2209-2222.	2.0	1
22	Micro-tube fabricating path compensation method research. International Journal of Advanced Manufacturing Technology, 2016, 85, 2277-2286.	3.0	0
23	MEMS stochastic model order reduction method based on polynomial chaos expansion. Microsystem Technologies, 2016, 22, 993-1003.	2.0	3
24	Modeling and simulation of loader working device based on SimMechanics. , 2011, , .		3
25	Influence Analysis of Internal Solitary Wave on Towed Line Array Shape and Compensation Strategy. Acoustics Australia, 0, , 1.	2.4	0